



AL-5002-MPC-HD5CMF

5MP S+265

PANAROMIC CAMERA

**Three Different Installation Mode,
9 Display Mode**



Overview

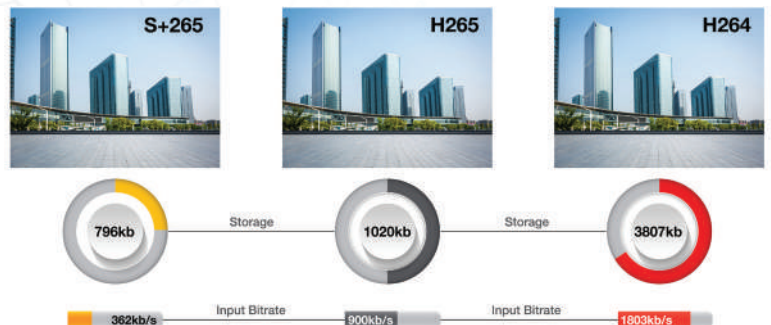
The Alcon Panoramic Experience delivers completely stitched, seamless and blended panoramic views without the disruption and distraction of disjointed sensor boundaries, a viewing experience that competitive offerings simply cannot match. Featuring 5MP resolution with entire panorama for the highest-quality, most uniform image detail possible, Alcon elevates both live and forensic scene analysis to a completely new level for today's security professionals. It supports S+265/H.265/H.264/ M-JPEG compression formats and delivers excellent picture quality in 5MP resolutions. Furthermore, the IP66 rated housing. IR-Cut filter and built-in IR illuminators enables the camera to provide color video when there is sufficient light, and black/white clear video in dark conditions. The Alcon AL-5002-MPC-HD5CMF camera also come with 120dB WDR which allows it to maintain clear images 24 hours a day. It supports flexible power supply options of PoE (802.3af) or DC12V±10%. It is an ideal solution for indoor surveillance applications such as school, college, hospital, training center, restaurant, conference hall, museum, shopping mall etc.

Features

- Up to 2592x1944@30fps
- S+265/H.265/H.264/M-JPEG
- Min. illumination Color: 0.02Lux@F2.0
- Smart IR Range: 30m, 120dB WDR
- Audio I/O 1/1, Alarm I/O 1/1
- Support Tripwire, Perimeter, Double Tripwire
- Support Heatmap
- Built-in Mic, SD Card Solt up to 512 GB
- Operating Conditions -10°~50°, 0~95% RH
- POE, Third Stream

Latest Compression S+265 Technology

ALCON cameras and NVRs are coming with S+265 technology the compression ratio with H.264 technology 100:20....80% less storage another new gen technology circuit making it extremely durable and best suitable for Industrial type installations.



S+265 can save approximate 50% bitrate than H.265 technology, saves 70%-80% bandwidth compared with H.264



WIDE DYNAMIC RANGE(120dB)

Commonly used Digital WDR (D-WDR), which is a software-based technique to enhance image by adjusting the gamma value to enhance dark areas is responsible for image deterioration (i.e. the image being washed out). Alcon sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 120dB

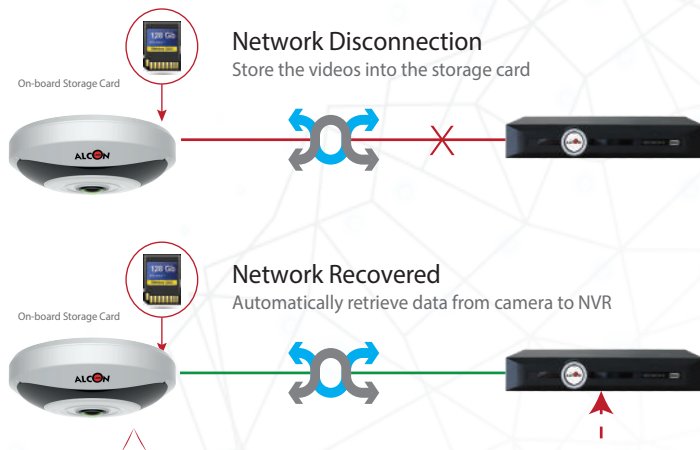


Panaromic View

Fisheye cameras use ultra-wide lenses to provide a complete view of an entire area. They are sometimes referred to as 360 cameras because they provide a 360° by 180° view of an area. Fisheye security cameras can provide complete coverage of an open area, often replacing four to six standard security cameras.

Region of Interest

A region of interest is a specified part of a Alcon CCTV camera view that is highlighted and broadcast to a separate stream from a camera.



ANR Features

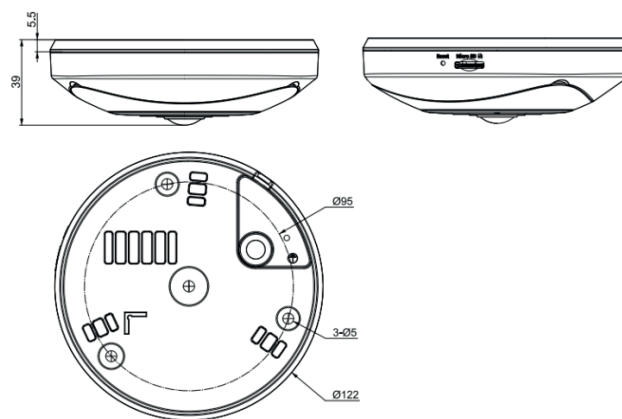
NVRs (Network Video Recorders) with the ANR (Automatic Network Replenishment) function can automatically store video data on the IPC (Internet Protocol Camera) storage card when the network is disconnected. After recovery of the network, the NVR automatically retrieves the video data stored on the camera.

SPECIFICATION

Camera	AL-5002-MPC-HD5CMF
Image Sensor	1/2.7"CMOS
Min. Illumination	Color:0.02Lux@(F2.0,AGC ON),B/W:0Lux with IR
Shutter Time	1s-1/100000s
Day&Night	IR-cut filter with auto switch (ICR)
WDR	120dB
Lens	
Lens Type	Fixed
Focal Length	1.4mm
Lens Mount	M12
Aperture Range	F2.0,Fixed
Field of View	180°(H);180°(V);180°(D)
Illuminator	
IR LEDs	3
IR Distance	30m
Wavelength	850nm
Compression Standard	
Video Compression	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
Video Bit Rate	32k-16Mbps
Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC
Audio Sampling Rate	8kHz/32kHz/48kHz
Image	
Max. Resolution	2592x1944@30fps
Main Stream	PAL:25fps(2592x1944,2560x1440,1920x1080,1280x720) NTSC:30fps(2592x1944,2560x1440,1920x1080,1280x720)
Sub Stream	PAL:25fps(704x576,640x360,704x288,352x288) NTSC:30fps(704x480,640x360,704x240,352x240)
Third Stream	PAL:25fps(1920x1080,1280*720) NTSC:30fps(1920x1080,1280*720)
BLC	Yes
HLC	Yes
AGC	Yes
3D DNR	Yes
White Balance	Auto/Semi-auto/Manual/Sunny/Natural light/Warm light/Sodium lamp/Incandescent lamp/Locked white balance
ROI	8 regions
OSD	5regions;16*16/32*32/48*48/64*64/96*96
Picture Overlay	1 region
Privacy Mask	4 regions
Defog	Yes
Feature	
Alarm Trigger	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception ;Event Input, Event Output
Linkage Method	send email;trigger sound;trigger recording;trigger capture;notify surveillance center
Video Analytics	Tripwire;Perimeter;Heatmap
Rules of behavior analyse in 1 scene	8
Network	
ANR	ANR
Protocols	HTTP;HTTPS;TCP/IP;UDP;UPnP;ICMP;IGMP;SNMP;DHCP;DNS;DDNS;Easy DDNS;NTP;SMTP;SSL;802.1X;QoS;IPv4;IPv6;PPPOE;SSH;Unicast;Multicast;RTCP;ARP;S RTP;RTSP;FTP;SFTP;NAS
System Compatibility	onvif Profile S/T/G;CGI;MIL STONE;RTMP
Remote Connection	≤2
Client	Alcon Smart Surveillance
Moblie Client	Alcon View
Web	IE10+;Firefox52+;Edge89+;Safari11+;Chrome57+

Interface	
Communication Interface	1 RJ45 10M/ 100M self adaptive Ethernet port
Audio I/O	1channel in;1channel out
Alarm I/O	1channel in,3mA,3.3VDC;1channel out,30mA,12VDC
Built-In Mic	Yes
Reset Button	Yes
On-board storage	Built-in Micro SD card slot, up to 512 GB
General	
Web Client Language	14languages English/Spanish/Korean/Italian/Turkish/Russian/Thai/French/Polish/Dutch/Hebrew/Arabic/Vietnamese/German/Ukrainian
Operating Temperature	-10°C-50°C
Operating Humidity	0-95%
Storage Temperature	-10°C-50°C
Storage Humidity	0-95%(non-condensing)
Power Supply	DC12V±25%,MAX 8.5W;POE 802.3at,MAX 9.5W
Protection	Surge protection 2000V;Lightning proof 6000V
Boundary Dimensions	122(L)122(W)39(H)mm
Package Dimensions	140(L)140(W)120(H)mm
GrossWeight	0.416kg
NetWeight	0.26kg
Certification	BIS, CE, RoHS & FCC

DIMENSION



AL-5002-MPC-HD5CMF

5 MP S+265 360° Indoor Panoramic Camera



*Product specifications and availability are subject to change without notice.

